

ABSTRACT

According to an embodiment of the invention, a method and apparatus for signal modulation are described. According to an embodiment of the invention, a method comprises producing and transferring a modulated signal. The modulation of the signal is over a plurality of amplitude levels, including at least a first amplitude level, a second amplitude level and a third amplitude level, and over a plurality of time slots, including at least a first time slot, a second time slot, and a third time slot. The modulated signal transitions from the first amplitude level to the second amplitude level in the first phase slot, remains at the second amplitude level in the second time slot, and transitions from the second amplitude level to the third amplitude level in a third time slot.